

CITY OF RICHMOND 457B DEFERRED

Screens Summary (Data as of 09-30-2023)

🔴 Fund Removed from Approved List ⚠️ Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk							Management Style			Expense		ESG Metrics			
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	Sustain. Rating	Commit. Level	Carbon Risk
US Stock																		
DFA US Core Equity 1 I	DFEOX	Large Blend	20.53	11.68	8.78	10.81	✔️	18.08	1.00	11.59	✔️	🏠	✔️	0.14	✔️	2	—	Medium Risk
percentile rank			48	12	54	47												
# of funds in category			1,562	1,422	1,309	984									08-31-2023	—	12-31-2022	
Vanguard FTSE Social Index Admiral	VFTAX	Large Blend Index	22.43	8.17	—	—	✔️	18.68	1.04	7.78	✔️	🏠	❌	0.14	✔️	4	2-Basic	Low Risk
percentile rank			22	75	—	—												
# of funds in category			1,562	1,422	1,309	984									08-31-2023	02-15-2022	12-31-2022	
American Funds Growth Fund of Amer R6	RGAGX	Large Growth	23.09	5.15	8.61	11.72	✔️	20.11	0.94	29.93	✔️	🏠	✔️	0.30	✔️	1	1-Low	Low Risk
percentile rank			59	52	61	53												
# of funds in category			1,321	1,222	1,135	895									08-31-2023	04-07-2022	12-31-2022	
State St Russell Lg Cp Val® Indx NL CI C		Large Value	14.43	11.02	6.26	8.46	—	17.58	1.00	24.61	✔️	🏠	✔️	0.04	✔️	3	—	Medium Risk
percentile rank			—	—	—	—												
# of funds in category			1,291	1,210	1,153	883									08-31-2023	—	12-31-2022	
ClearBridge Mid Cap Growth IS	LCMIX	Mid-Cap Growth	16.25	3.30	7.80	9.18	✔️	22.26	1.04	13.09	✔️	🏠	✔️	0.76	✔️	5	—	Low Risk
percentile rank			28	42	22	46												
# of funds in category			609	568	537	431									08-31-2023	—	12-31-2022	
Vanguard Mid-Cap Value Index Admiral	VMVAX	Mid-Cap Value	10.35	11.31	5.41	8.40	✔️	19.22	0.96	17.13	✔️	🏠	✔️	0.07	✔️	4	1-Low	Medium Risk
percentile rank			77	73	56	27												
# of funds in category			430	409	393	298									08-31-2023	02-15-2022	12-31-2022	
State St Russell Sm Cap® Gr Indx NL CI C		Small Growth	9.50	0.96	1.38	6.58	✔️	22.93	1.00	14.08	✔️	🏠	✔️	0.05	✔️	2	—	Medium Risk
percentile rank			51	64	83	79												
# of funds in category			617	586	547	420									08-31-2023	—	12-31-2022	
State St Russell Sm Cp® Val Indx NL CI C		Small Value	7.80	13.19	2.60	6.17	✔️	23.15	1.00	14.08	✔️	🏠	✔️	0.05	✔️	2	—	Medium Risk
percentile rank			90	86	80	58												
# of funds in category			507	469	439	346									08-31-2023	—	12-31-2022	
Non-US Stock																		
American Funds New World R6	RNWGX	Diversified Emerging Mkts	17.35	1.56	5.29	5.04	✔️	17.07	0.85	24.30	✔️	🏠	✔️	0.57	✔️	3	1-Low	Medium Risk
percentile rank			26	32	9	3												
# of funds in category			853	753	682	417									08-31-2023	02-15-2022	12-31-2022	
American Funds Intl Gr and Inc R6	RIGGX	Foreign Large Blend	24.55	5.67	3.85	3.69	✔️	18.68	1.06	15.01	✔️	🏠	✔️	0.54	✔️	2	1-Low	Low Risk
percentile rank			40	29	19	47												
# of funds in category			800	746	686	460									08-31-2023	02-15-2022	12-31-2022	
Vanguard International Growth Adm	VWILX	Foreign Large Growth	16.10	-4.69	4.86	6.70	✔️	23.40	1.12	13.76	✔️	🏠	✔️	0.34	✔️	3	—	Low Risk
percentile rank			71	82	19	9												
# of funds in category			463	423	370	263									08-31-2023	—	12-31-2022	
DFA International Value I	DFIVX	Foreign Large Value	31.93	15.70	4.14	4.11	✔️	20.62	1.05	13.59	✔️	🏠	✔️	0.28	✔️	1	—	Medium Risk
percentile rank			24	3	26	15												
# of funds in category			401	362	337	218									08-31-2023	—	12-31-2022	
American Funds New Perspective R6	RNPGX	Global Stock	21.70	4.92	8.36	9.82	✔️	19.33	1.11	22.84	✔️	—	✔️	0.41	✔️	2	2-Basic	Low Risk
percentile rank			35	24	13	10												
# of funds in category			369	327	288	193									08-31-2023	02-15-2022	12-31-2022	

©2023 Morningstar Investment Management LLC. All Rights Reserved. Morningstar Investment Management LLC is a registered investment adviser and subsidiary of Morningstar, Inc. The services are either performed by Morningstar Investment Management or an affiliate. The data shown represents past performance which is no guarantee of future performance. The Morningstar name and logo are registered marks of Morningstar, Inc. This report is not complete without the accompanying disclosure. Please visit https://fiduciaryservices.morningstar.com/Dislosures/Fiduciary_Services_Report_Disclosure.pdf to view these disclosures.



CITY OF RICHMOND 457B DEFERRED

Screens Summary (Data as of 09-30-2023)

🔴 Fund Removed from Approved List 🟡 Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense		ESG Metrics				
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Sustain. Rating	Commit. Level	Carbon Risk	
																Updated	Updated	Updated
Alternative																		
PIMCO Commodity Real Ret Strat Instl	PCRIX	Commodities Broad Basket	-0.88	16.10	6.73	-0.52	✔️	18.27	1.12	4.92	✔️	—	—	0.99	✔️	3	—	—
<i>percentile rank</i>			57	57	43	62												
<i># of funds in category</i>			114	110	105	66									06-30-2023	—	—	
Vanguard Real Estate Index Admiral	VGSLX	Real Estate	-1.27	2.33	2.44	5.51	✔️	20.72	1.01	27.40	✔️	—	✔️	0.12	✔️	3	1-Low	Low Risk
<i>percentile rank</i>			63	74	56	49												
<i># of funds in category</i>			271	248	230	166									08-31-2023	02-15-2022	12-31-2022	
Fixed Income																		
PIMCO International Bond (USD-Hdg) Instl	PFORX	Global Bond	4.22	-2.21	1.00	2.99	✔️	4.30	0.57	9.02	✔️	—	—	0.63	✔️	4	—	—
<i>percentile rank</i>			19	10	17	1												
<i># of funds in category</i>			122	114	105	66									08-31-2023	—	—	
🟡 PIMCO High Yield Instl	PHIYX	High Yield Bond	9.34	0.90	2.49	3.77	✔️	8.19	1.00	4.18	✔️	—	—	0.57	✔️	—	—	—
<i>percentile rank</i>			62	72	51	31												
<i># of funds in category</i>			721	664	621	456												
BlackRock Inflation Protected Bond K	BPLBX	Inflation-Protected Bond	1.48	-1.78	2.27	1.62	✔️	7.01	1.02	6.63	✔️	—	—	0.51	✔️	3	—	—
<i>percentile rank</i>			52	46	33	26												
<i># of funds in category</i>			241	224	220	158									08-31-2023	—	—	
Baird Aggregate Bond Inst	BAGIX	Intermediate-Term Bond	1.41	-5.02	0.44	1.55	✔️	6.29	1.01	23.02	✔️	📊	—	0.30	✔️	3	1-Low	—
<i>percentile rank</i>			24	36	22	11												
<i># of funds in category</i>			529	477	437	321									08-31-2023	02-15-2022	—	
PIMCO Income Instl	PIMIX	Multisector Bond	6.76	0.67	2.37	4.00	✔️	5.77	0.84	16.52	✔️	—	—	0.62	✔️	4	—	—
<i>percentile rank</i>			26	25	18	1												
<i># of funds in category</i>			364	333	280	178									08-31-2023	—	—	
Lincoln Stable Value Account -L7NGPA		Stable Value	—	—	—	—	—	—	—	40.44	✔️	—	—	—	—	—	—	—
<i>percentile rank</i>			—	—	—	—												
<i># of funds in category</i>			73	—	—	—												
Federated Hermes Govt Ultrashort R6	FGULX	Ultrashort Bond	4.00	1.22	1.56	—	✔️	0.65	0.04	26.24	✔️	—	—	0.24	✔️	—	—	—
<i>percentile rank</i>			90	73	77	—												
<i># of funds in category</i>			243	216	192	107												
Target Date																		
Vanguard Target Retirement 2020 Fund	VTWNX	Target Date	9.36	1.43	3.58	5.24	✔️	10.02	0.87	10.61	✔️	—	✔️	0.08	✔️	3	1-Low	—
<i>percentile rank</i>			45	48	30	20												
<i># of funds in category</i>			169	153	140	68									08-31-2023	02-15-2022	—	
Vanguard Target Retirement 2025 Fund	VTVX	Target Date	11.56	2.17	4.06	5.79	✔️	11.65	0.93	10.61	✔️	—	✔️	0.08	✔️	3	1-Low	Low Risk
<i>percentile rank</i>			14	32	20	14												
<i># of funds in category</i>			266	243	215	123									08-31-2023	02-15-2022	12-31-2022	
Vanguard Target Retirement 2030 Fund	VTHRX	Target Date	13.14	2.97	4.46	6.28	✔️	12.77	0.94	10.61	✔️	—	✔️	0.08	✔️	3	1-Low	Low Risk
<i>percentile rank</i>			17	42	29	19												
<i># of funds in category</i>			260	239	205	124									08-31-2023	02-15-2022	12-31-2022	

CITY OF RICHMOND 457B DEFERRED

Screens Summary (Data as of 09-30-2023)

⊖ Fund Removed from Approved List ⚠ Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk							Management		Style		Expense		ESG Metrics				
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	Sustain. Rating	Commit. Level	Carbon Risk		
																Updated	Updated	Updated		
Vanguard Target Retirement 2035 Fund	VTHX	Target Date	14.61	3.89	4.93	6.79	✔	13.72	0.93	10.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			37	57	39	28														
<i># of funds in category</i>			258	237	213	120												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2040 Fund	VFORX	Target Date	16.15	4.81	5.37	7.26	✔	14.68	0.93	10.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			48	63	39	28														
<i># of funds in category</i>			249	229	204	123												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2045 Fund	VTIVX	Target Date	17.67	5.72	5.87	7.61	✔	15.68	0.96	10.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			43	43	31	21														
<i># of funds in category</i>			263	243	217	123												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2050 Fund	VFIFX	Target Date	18.48	5.92	5.99	7.67	✔	15.99	0.96	10.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			33	48	30	22														
<i># of funds in category</i>			247	227	204	121												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2055 Fund	VFFVX	Target Date	18.48	5.91	5.99	7.65	✔	15.99	0.95	10.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			40	54	30	21														
<i># of funds in category</i>			259	235	212	107												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2060 Fund	VTTSX	Target Date	18.49	5.91	5.98	7.65	✔	15.97	1.29	10.61	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			42	61	35	1														
<i># of funds in category</i>			244	218	190	10												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2065 Fund	VLXVX	Target Date	18.47	5.93	5.97	—	✔	15.98	1.29	6.22	✔	—	✔	0.08	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			55	56	50	—														
<i># of funds in category</i>			186	129	10	—												08-31-2023	02-15-2022	12-31-2022
Vanguard Target Retirement 2070 Fund	VSVNX	Target Date	18.49	—	—	—	—	—	—	1.26	✖	—	✔	0.08	✔	3	—	Low Risk		
<i>percentile rank</i>			52	—	—	—														
<i># of funds in category</i>			186	129	10	—												08-31-2023	—	12-31-2022
Vanguard Target Retirement Income Fund	VTINX	Target Date	7.02	-0.13	2.69	3.60	✔	8.08	0.90	10.61	✔	—	✔	0.08	✔	3	1-Low	—		
<i>percentile rank</i>			50	49	30	29														
<i># of funds in category</i>			196	185	163	99												08-31-2023	02-15-2022	—
Balanced																				
Vanguard LifeStrategy Cnsvr Gr Inv	VSCGX	Target Risk	8.53	-0.12	2.89	4.25	✔	9.71	1.03	1.59	✖	—	✔	0.12	✔	3	1-Low	—		
<i>percentile rank</i>			28	79	40	27														
<i># of funds in category</i>			529	503	468	340												08-31-2023	07-19-2023	—
Vanguard LifeStrategy Growth Inv	VASGX	Target Risk	16.25	4.63	5.36	7.00	✔	14.69	1.03	1.59	✖	—	✔	0.14	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			19	58	30	28														
<i># of funds in category</i>			380	351	328	252												08-31-2023	07-19-2023	12-31-2022
Vanguard LifeStrategy Income Inv	VASIX	Target Risk	4.72	-2.53	1.50	2.76	✔	7.46	1.00	1.59	✖	—	✔	0.11	✔	3	1-Low	—		
<i>percentile rank</i>			53	90	60	46														
<i># of funds in category</i>			178	167	155	113												08-31-2023	07-19-2023	—
Vanguard LifeStrategy Moderate Gr Inv	VSMGX	Target Risk	12.37	2.25	4.15	5.66	✔	12.16	1.00	1.59	✖	—	✔	0.13	✔	3	1-Low	Low Risk		
<i>percentile rank</i>			31	79	55	50														
<i># of funds in category</i>			894	831	784	577												08-31-2023	07-19-2023	12-31-2022